MOKTIK

Pathankot, Punjab

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EDUCATION

Vellore Institute of Technology, Bhopal   **2022 – 2026**
*B.Tech - Computer Science and Engineering - **CGPA** - **7.07***   *Bhopal, Madhya Pradesh*

EXPERIENCE

Orion eSolutions Inc. ↗   **Feb 2025**
Role – AI & Analytics Trainee   *Mohali, Punjab*
- Built and deployed an AI-powered Upwork proposal generator using Streamlit, automating 100+ proposals weekly with 30% higher responses rate via NLP (SpaCy) and OpenAI's Mixtral model.
- Integrated Upwork API for job search, cutting manual search time by 40% with dynamic filtering.
- Optimized API interactions, reducing latency by 25%, ensuring real-time proposal generation with secure 2+ API integrations.

Entritt Solutions Pvt. Ltd. ↗   **Sept 2024 - Feb 2025**
Role - Data Scientist Intern   *Mohali, Punjab*
- Led AI feature integration, collaborating with the project team to deploy 3+ AI-driven enhancements, improving system efficiency by 25%.
- Developed ML models for creditworthiness assessment, leveraging 2M+ transaction records, improving loan approval speed by 40% and reducing defaults by 15%.

PROJECTS

Predictive Health Insurance Model ↗   **Dec 2024**
- Designed and deployed predictive models leveraging Linear Regression, Random Forest, and XGBoost, optimizing hyperparameters to increase R^2 score from 0.79 to 0.88, significantly improving healthcare insurance premium estimation accuracy.
- Engineered and preprocessed structured data, implementing imputation, normalization, one-hot encoding, and feature transformation, reducing extreme prediction errors by 30% and enhancing model generalization.
- Built and launched a real-time Streamlit web application, streamlining premium prediction and customer risk assessment. The app was adopted by more than 150+ users in the first month, improving decision-making efficiency by 40%.

Log Classification System ↗   **Feb 2025**
- Created a hybrid log classification system integrating Regex, Sentence Transformers + Logistic Regression and LLMs to effectively handle logs with varying levels of complexity.
- Deployed a FastAPI-based service to process log data via RESTful APIs, ensuring seamless system integration.
- Improved log classification accuracy by 40% through the hybrid architecture compared to rule-based systems alone. Reduced operational costs by 30% by automating log analysis and minimizing manual intervention.

CERTIFICATIONS

- IBM AI Engineering - Coursera
- Python: Beginner to Advanced for Data Professionals - Codebasics
- Excel: Mother of Business Intelligence - Codebasics
- Oracle SQL - Step-by-Step SQL - Udemy

EXTRACURRICULAR

- **Sales Optimization through AI and Analytics** - 1st Runner-Up, Data Storycraft Hackathon Symbiosis Centre for Information Technology (SCIT), Pune.
- **Head of Finance, The VITronix Club** - Oversaw Financial Operations, Budgeting, and Reporting for a student-led technology club.
- **Technical Lead, Null Chapter** – Led technical initiatives, organized workshops, and mentored students on emerging technologies, fostering innovation and collaboration within the club.